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REMCOR, Inc. • 701 Alpha Drive • P.O. Box 38310 • Pittsburgh, PA 15238-8310 • 412-963-1106

August 26, 1988

Project No. 88548

Mr. Richard Bauman
316 Poplar Street
Bally, PA 19503

Subject:
Domestic Well Analytical Results From
Samples Collected Pursuant to the
Remedial Investigation of the
Bally Engineered Structures Site
Bally, Pennsylvania

Dear Mr. Bauman:

As you are aware, Remcor, Inc. (Remcor), an environmental consulting firm from Pittsburgh, is conducting an evaluation of ground water contamination in the Borough of Bally. This work is being performed in accordance with requirements of the U.S. Environmental Protection Agency (EPA) and the Pennsylvania Department of Environmental Resources (PADER).

In December 1987 or January 1988, you had permitted us to collect a sample from your well. We have since analyzed the samples and compiled the results. The purpose of this letter is to provide you with a copy of these results.

The samples were all analyzed for the volatile organic compounds (VOCs) identified on EPA's target compound list. All of these VOCs are listed on the accompanying "Volatile Organics Analysis Data Sheet". With reference to the data sheet, the "CAS No.", or Chemical Abstracts Service Number is merely a standard numerical designation for each of the VOCs identified by its scientific name under the heading "Compound". All concentration units are reported in terms of micrograms of the VOC per liter of sample (µg/ℓ), often also referred to as "parts per billion". Data qualifiers are reported under the "Q" column. Of importance here is the qualifier "U", which means that the VOC analyzed for was not detected at the level shown under the concentration column, which is the limit of analytical detection (the lowest concentration that the instrumentation can identify in the sample).

There were no VOCs found in your water sample above the analytical detection limit. You will note that methylene chloride is reported to occur at 2 µg/ℓ, with a "BJ" qualifier. The analytical detection limit for methylene chloride is 5 µg/ℓ. The "BJ" notation accompanying your analysis for this compound indicates two things: 1) the occurrence of methylene chloride in this sample is suspect because it was also found in blank (B) samples (i.e., samples known to be free of contamination analyzed as a check on the analytical procedure) and 2) no methylene chloride is present at the limit of analytical detection and the laboratory analyst is, therefore, estimating the concentration to be 2 µg/ℓ. Methylene chloride is a common laboratory chemical and is not considered a contaminant of concern in the aquifer in Bally Borough. The most reasonable explanation for its occurrence in your sample is that it was introduced during laboratory analysis.

We appreciate the opportunity to have sampled your well and trust that this letter adequately explains the results. A copy of these results has been forwarded to both the EPA and the PADER. Should you have any specific questions about the analyses, you may contact either Remcor or the EPA Project Manager, Ms. Patricia Tan (215/597-3164).

Very truly yours,

John George

John A. George
Project Manager

JAG:mah
Attachment

cc: Ms. Patricia Tan, EPA Region III
Mr. Thomas Sheehan, Pennsylvania Department of Environmental Resources, Bureau of Solid Waste Management

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Bauman

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FBBGWRW008

Lab Name: NUS ~~HOUSTON~~ mw 2/25/88 Contract: NUS

Lab Code: NUS-PGH Case No.: REMCOR SAS No.: _____ SDG No.: CCC

Matrix: (soil/water) WATER Lab Sample ID: 18010337

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: V201138814

Level: (low/med) LOW Date Received: 01/08/88

% Moisture: not dec. ____ Date Analyzed: 01/13/88

Column: (pack/cap) PACK Dilution Factor: 1.00

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-35-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
----------	Total Xylenes	5	U